

## Orange County Regional Water Reclamation Project, Phase I

**LOCATION:** This project is located in Orange County, California.

**DESCRIPTION/JUSTIFICATION:** This project will take tertiary treated reclaimed water from an existing facility operated by the Orange County Sanitation District, treat the water to advanced levels using a pretreatment and reverse osmosis process, and pump the water through a pipeline that parallels the Santa Ana River up to existing recharge facilities adjacent to the River, where the water will be used to recharge the region's groundwater basin. This initial phase will provide about 50,000 acre-feet of water annually for groundwater recharge.

**AUTHORIZATION:** P.L. 102-575 - Title XVI, Reclamation Wastewater and Groundwater Study and Facilities Act, October 30, 1992, and P.L. 104-266, Reclamation Recycling and Water Conservation Act of 1996, October 9, 1996.

**COMPLETION DATA:** As of September 30, 2000, the project is 7 percent complete. The project is scheduled for completion in 2004. Project completion date has been delayed one year from that shown in the FY 2001 Budget Justifications due to a revised schedule from the Orange County Water District/Orange County Sanitation District.

### SUMMARIZED FINANCIAL DATA

#### Program Financial Data

Activity	FY 2001	FY 2002
Water and Energy Management and Development	\$24,148,458	\$81,140,000
Total Program	\$24,148,458	\$81,140,000
Prior Year Funds	(32,458)	0
Non-Federal	(22,116,000)	(79,340,000)
Enacted	\$2,000,000	\$1,800,000
Underfinancing	(100,000)	0
FY 2001 Rescission (P.L. 106-554)	(4,000)	0
Total Reclamation Allotment	\$1,896,000	\$1,800,000

#### Total Construction Costs to be Allocated

	Total Estimated Cost	Total to 9/30/00	FY 2001	FY 2002	Balance to Complete
Reclamation	\$20,000,000	\$1,500,000	\$1,896,000	\$1,800,000	\$14,804,000
Adjustments <sup>1/</sup>	335,590,000	4,717,000	22,116,000	79,340,000	229,417,000
Total	\$355,590,000	\$6,217,000	\$24,012,000	\$81,140,000	\$244,221,000

<sup>1/</sup> Includes cost sharing of \$335,590,000 from the Orange County Water District and/or the Orange County Sanitation District.

**Construction Cost Allocation and Methodology**

Allocation	FY 2001	FY 2002
Municipal and Industrial	\$262,060,000	\$355,590,000
Total	\$262,060,000	\$355,590,000

**METHODOLOGY:** The methodology of cost allocation has not been modified from last year. The increase of \$93,530,000 is due to updated costs estimates from the Orange County Water District/Orange County Sanitation District, which will be applied to the non-Federal share.

**APPROPRIATION CEILING:** P.L. 104-266, Reclamation Recycling and Water Conservation Act of 1996, imposed a ceiling of \$20,000,000. The comparable Federal obligation is \$20,000,000 which does not exceed the appropriation ceiling.

**WORK PROPOSED FOR FY 2002:**

**Water and Energy Management and Development** - Continues work on construction activities for the regional water recycling project in the Orange County Water District service area.

	\$ 81,140,000
Non-Federal - Orange County Water District/Sanitation District	<u>(79,340,000)</u>

Subtotal, Water and Energy Management and Development	<b><u>\$1,800,000</u></b>
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<b>Reclamation Request</b>	<b>\$1,800,000</b>
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**SEE APPENDIX FOR:**      Benefit Cost Ratios as of October 1, 2001  
                                  Project Repayment for FY 2002  
                                  Status of NEPA Compliance